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贵州栝楼属一新种

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A NEW SPECIES OF *TRICHOSANTHES* FROM GUIZHOU

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Key words *Trichosanthes*; *T. dafangensis*.

关键词 栝楼属;大方油栝楼

大方油栝楼 新种 图1

Trichosanthes dafangensis N. G. Ye et S. J. Li, sp. nov.

Amplitudine florum, forma petalorum *T. hylonomae* Hand.-Mazz. affinis, etiam indumendo plantarum, bracteola *T.anguinae* Linn. et *T. cucumerinae* Linn. similis, sed floribus masculis pistillodiis praeditis, floribus femineis staminodiis praeditis, fructibus cylindricis c. 20 cm longis c. 7 cm in diam., seminibus numerosis (c. 80) utrinque ad centrum verruculosis margine sulcatis crenato-dentatis differt.

Herba perennis scandens; radices crassae. Rami, folia, cirri, pedicelli et flores extus villosi et puberuli. Lamina folii ambitu cordata, 10—22 cm longa, 8—22 cm lata, saepe 5—7-palmatifida vel palmatipartita, lobo medio majore, lobis basalibus obliquiis, omnibus margine mucronulato-denticulatis. Ciri saepe 3—4-fidi. Flores dioici; flores masculi axillares singuli vel 2—3 fasculati vel breviter racemosi; bracteola minuta, subulata, c. 5 cm longa, vel nulla; pedicelli c. 5 cm longi; calycis tubus infundibuliformis, c. 1 cm longus, lobis 5, lineari-lanceolatis, c. 1 cm longis; corolla alba, c. 3 cm in diam., petalis 5, flabellata, c. 1.5 cm longa, apice trilobata, lobis lateralibus fimbriatis, fimbriais c. 1 cm longis; stamina 3, antheris ellipticis, 4 mm longis, ciliatis; pistillodia 3, claviformia, 5 mm longa. Flores feminei solitarii; pedicellus c. 2 cm longus; calycis tubus breviter tubulosus; stylus 5 mm longus, stigmate 1 cm longo, apeci 3—4-fido; ovarium 2.5 cm longum, villosum; staminodia 3, tubi calycis medio inserta. Fructus cylindricus, usque ad 20 cm vel ultra longus, c. 7 cm in diam., maturitate luteus. Semina numerosa, c. 80, compressa, horizontalia, ovata, c. 1.6 cm longa, fumosa, utrinque verruculosa ad centrum, margine sulcata, crenato-denticulata.

多年生攀援藤本。具粗大块根。茎、叶、卷须、花梗和花的外面皆被柔毛。叶掌状5—7半裂至深裂，长10—22cm，宽8—20cm，中央裂片较大，最基部的裂片偏斜，边缘疏

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生细锯齿。卷须常 3—4 分叉。雌雄异株。雄花单生或簇生或为短总状花序，小苞片长约 5mm 或缺，花序轴和花梗各长约 5cm；花萼漏斗状，管长约 1cm，裂片线状披针形，长约 1cm；花冠白色，直径约 3cm，裂片扇形，两侧的流苏长约 1cm；雄蕊 3，花药椭圆形，长约 4mm，有睫毛；退化雌蕊 3，棒状，长约 5mm。雌花单生，花梗长约 2cm；花萼管短筒状；花柱长约 5mm，柱头长约 1cm，上部 3—4 裂，子房长约 2.5cm，被长柔毛；退化雄蕊 3，着生于花萼管的近喉部。果圆柱形，长可超过 20cm，直径约 7cm，熟时黄色，无毛。种子横生，扁平，约 80 粒，卵形，长约 1.6cm，两面的中央稍隆起，有疣状微粒，边缘有褶皱状雕纹。花期 6—7 月，果期 8—9 月。

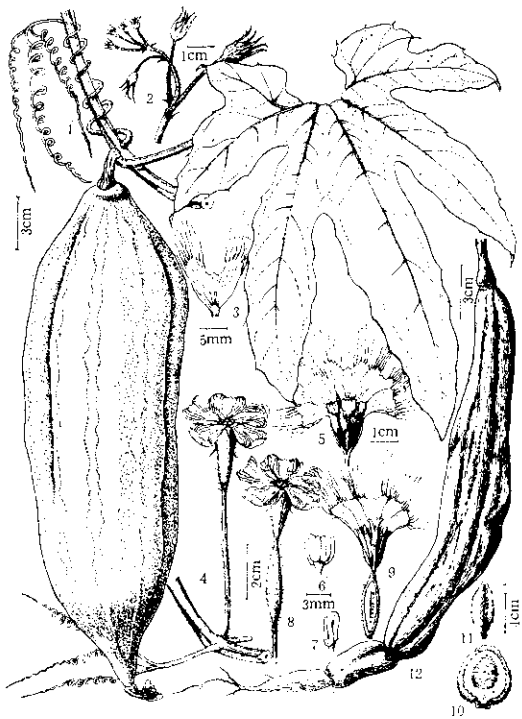

图 1 大方油栝楼 1.果枝；2.雄花序；3.花瓣；4.雄花枝；5.雄花纵剖面；6.二室雄蕊；7.一室雄蕊；8.雌花；9.雌花纵切面；10.种子正面观；11.种子侧面观；12.块根。(罗道文绘)

Fig. 1 *Trichosanthes dafangensis* 1. fruiting branch; 2. staminate inflorescence; 3. petal; 4. staminate flowering branch; 5. longitudinal section of staminate flower; 6. anther with 2 pollen chambers; 7. anther with 1 pollen chamber; 8. pistillate flower; 9. longitudinal section of pistillate flower; 10. surface view of seed; 11. lateral view of seed; 12. root tuber.

新种的花略似湘桂栝楼 *T. hylonoma* Hand.-Mazz.，而植株的毛被和小苞片则略似蛇瓜 *T. anguina* Linn.，或瓜叶栝楼 *T. cucumerina* Linn.，但本种的显著特征是：雄花有退化雌蕊，雌花有退化雄蕊；果圆柱形，长可超过 20cm；种子约 80 粒，雕纹特殊。